

Utility Patent Application
Docket No. A-378-0 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Yuri Abramov

Serial No. **09/685,718**

Filed: **October 11, 2000**

Entitled: **METHOD UTILIZING THE SAW
VELOCITY DISPERSION EFFECT FOR
WEIGHTING BY SHAPING THE
ELECTRODE FINGERS OF A SAW
INTERDIGITAL TRANSDUCER AND
APPARATUS PRODUCED THEREBY**

Examiner :Medley, Peter M.

Art Unit :2834

Date: 4 January, 2002

Assistant Commissioner for Patents
Washington, D.C. 20231

RESPONSE TO OFFICIAL ACTION

Dear Sir:

In response to the Official Action mailed 4th October, 2001, please amend the application as follows:

IN THE CLAIMS:

Cancel Claims 1, 3, 4, 5, 21, 22 and 23.

Please add new Claims 24-30 as follows:

-- 24. (New) An interdigital transducer for surface acoustic waves having a desired weighting, said weighting being achieved by inducing a SAW velocity dispersion effect, said interdigital transducer comprising at least one plurality of interdigitized electrode fingers including at least two electrode fingers having between them at least two internal interdigitized electrode finger surface edges therebetween, at least one of said internal interdigitized electrode finger surface edges having an interdigital surface shape that is sufficiently incongruent with the

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